

SYSTEMS AND METHODS OF BINDING A TEXT BODY

ABSTRACT

Systems and methods for binding a text body are described. A multi-function sheet binder is configured to heat a preformed solid hot melt adhesive to a melting temperature, form the melted adhesive by pressing the melted adhesive into a spine of a text body and folding down edges of the melted adhesive into contact with the 5 text body, and actively cool the formed adhesive. A spot heater is configured to heat one or more localized areas of a solid hot melt adhesive to a temperature sufficient to tack the hot melt adhesive to a text body spine. An adhesive former is configured to press a localized region of a preformed heated solid hot melt adhesive into a spine of a text body and to fold down edge regions of the preformed solid hot melt adhesive 10 into contact with the text body.